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      Custers, Jan
      Hattori, Jiro
      Miki, Brian
      Van Lookeren Campagne, Michiel

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<221> intron
<222> (3845)..(3969)
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9

<220>
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<222> (4020)..(4151)

<220>
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<222> (4229)..(4310)

<220>
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<222> (2026)..(2028)
<223> start codon

<220>
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<222> (5033)..(5035)
<223> stop codon

<400> 6

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10

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<400> 7

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His Arg Thr Asp Val Asp Ser Ser Thr Thr Arg Thr Ala Val Asp Val
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Ala Gly Gly Tyr Cys Phe Asp Leu Ala Ala Pro Ser Asp Glu Ser Ser
         35·                 40                  45

Ala Val Gln Thr Ser Phe Leu Ser Pro Phe Gly Val Thr Leu Glu Ala
         50                  55                  60

Phe Thr Arg Asp Asn Asn Ser His Ser Arg Asp Trp Asp Ile Asn Gly
 65                  70                  75                  80

Gly Ala Cys Asn Thr Leu Thr Asn Asn Glu Gln Asn Gly Pro Lys Leu
             85                  90                  95

Glu Asn Phe Leu Gly Arg Thr Thr Thr Ile Tyr Asn Thr Asn Glu Thr
            100                 105                 110

Val Val Asp Gly Asn Gly Asp Cys Gly Gly Gly Asp Gly Gly Gly Gly
            115                 120                 125

Gly Ser Leu Gly Leu Ser Met Ile Lys Thr Trp Leu Ser Asn His Ser
        130                 135                 140

Val Ala Asn Ala Asn His Gln Asp Asn Gly Asn Gly Ala Arg Gly Leu
145                 150                 155                 160

Ser Leu Ser Met Asn Ser Ser Thr Ser Asp Ser Asn Asn Tyr Asn Asn
            165                 170                 175

Asn Asp Asp Val Val Gln Glu Lys Thr Ile Val Asp Val Val Glu Thr
            180                 185                 190

Thr Pro Lys Lys Thr Ile Glu Ser Phe Gly Gln Arg Thr Ser Ile Tyr
        195                 200                 205

Arg Gly Val Thr Arg His Arg Trp Thr Gly Arg Tyr Glu Ala His Leu
    210                 215                 220

Trp Asp Asn Ser Cys Lys Arg Glu Gly Gln Thr Arg Lys Gly Arg Gln
225                 230                 235                 240

Val Tyr Leu Gly Gly Tyr Asp Lys Glu Glu Lys Ala Ala Arg Ala Tyr
            245                 250                 255

Asp Leu Ala Ala Leu Lys Tyr Trp Gly Pro Thr Thr Thr Thr Asn Phe
        260                 265                 270

Pro Leu Ser Glu Tyr Glu Lys Glu Val Glu Glu Met Lys His Met Thr
        275                 280                 285
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Arg Gln Glu Tyr Val Ala Ser Leu Arg Arg Lys Ser Ser Gly Phe Ser
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Arg Gly Ala Ser Ile Tyr Arg Gly Val Thr Arg His His Gln His Gly
305                     310                 315                 320

Arg Trp Gln Ala Arg Ile Gly Arg Val Ala Gly Asn Lys Asp Leu Tyr
                325                 330                 335

Leu Gly Thr Phe Gly Thr Gln Glu Glu Ala Ala Glu Ala Tyr Asp Ile
                340                 345                 350

Ala Ala Ile Lys Phe Arg Gly Leu Ser Ala Val Thr Asn Phe Asp Met
            355                 360                 365

Asn Arg Tyr Asn Val Lys Ala Ile Leu Glu Ser Pro Ser Leu Pro Ile
    370                 375                 380

Gly Ser Ser Ala Lys Arg Leu Lys Asp Val Asn Asn Pro Val Pro Ala
385                 390                 395                 400

Met Met Ile Ser Asn Asn Val Ser Glu Ser Ala Asn Asn Val Ser Gly
                405                 410                 415

Trp Gln Asn Thr Ala Phe Gln His His Gln Gly Met Asp Leu Ser Leu
                420                 425                 430

Leu Gln Gln Gln Gln Glu Arg Tyr Val Gly Tyr Tyr Asn Gly Gly Asn
        435                 440                 445

Leu Ser Thr Glu Ser Thr Arg Val Cys Phe Lys Gln Glu Glu Glu Gln
    450                 455                 460

Gln His Phe Leu Arg Asn Ser Pro Ser His Met Thr Asn Val Asp His
465                 470                 475                 480

His Ser Ser Thr Ser Asp Asp Ser Val Thr Val Cys Gly Asn Val Val
                485                 490                 495

Ser Tyr Gly Gly Tyr Gln Gly Phe Ala Ile Pro Val Gly Thr Ser Val
                500                 505                 510

Asn Tyr Asp Pro Phe Thr Ala Ala Glu Ile Ala Tyr Asn Ala Arg Asn
            515                 520                 525

His Tyr Tyr Tyr Ala Gln His Gln Gln Gln Gln Ile Gln Gln Ser
    530                 535                 540

Pro Gly Gly Asp Phe Pro Val Ala Ile Ser Asn Asn His Ser Ser Asn
545                 550                 555                 560

Met Tyr Phe His Gly Glu Gly Gly Gly Glu Gly Ala Pro Thr Phe Ser
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Val Trp Asn Asp Thr
            580
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13

<210> 8
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

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<210> 9
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
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<400> 9
cataaggaga gagagaaaag cctaaccagt   30

<210> 10
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 10
accaagaact cgttagatc   19

<210> 11
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

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aacgcatata actaaagatc   20

<210> 12
<211> 26
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<213> Artificial Sequence

<220>

14

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<210> 13
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<213> Artificial Sequence

<220>
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<400> 13
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<210> 14
<211> 26
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<220>
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